ATG
LED LIGHTING

G4
SKYLINE
HIGH·BAY

SKYLINE G4

Power and CCT Selectable Linear Highbay

HBEL

Power and CCT Selectable Linear Highbay

DESCRIPTION

LED Linear Highbay/Power and CCT Selectable/
120-277V(347-480V optional with transformer)/
0-10V Dimming/95°x95° distribution comes standard
(40°x110° optional)

PRODUCT FEATURES

- Architectural grade compact design
- Frosted lens eliminates glare
- PF>0.9, THD<20%, Surge Protection: 6KV
- 95°x95° distribution comes standard (40°x110° aisle distribution optional)
- 120-277Vac 347-480Vac Optional
- UL 1598 suitable for damp locations
- Emergency backup options available
- Receptacle Pre-installed, PNP Sensor order separately
- BLE Mesh Control(LLLC) and Circuit Level Control(LALC) options available
- Feature Power Selectable Technology. Adjust power between three selections
- Feature CCT Selectable Technology. Adjust CCT between 4000K and 5000K
- V-hook and chain mounting accessories included

PRODUCT SPECIFICATIONS

Model Number	Input Voltage	CRI	Nominal Wattage(W)	4000K Data			5000K Data			DLC Product ID
				Wattage (W)	Efficacy (LM/W)	Lumens (LM)	Wattage (W)	Efficacy (LM/W)	Lumens (LM)	
HBELB-135P-T1F -[Blank,SxEx]-G4	120-277Vac (347-480Vac Optional)	>80	135	126	152.0	19,121	132	154.0	20,355	S-DLH625
			115	114	157.0	17,951	114	159.0	18,126	S-9W7WH9
			100	100	159.0	15,912	97	161.0	15,629	S-RXN66Y
HBELC-200P-T1F -[Blank,SxEx]-G4	120-277Vac (347-480Vac Optional)	>80	200	189	151.0	28,409	189	153.0	28,759	S-SD224R
			185	178	156.0	27,720	178	157.0	27,946	S-QGFJRW
			155	151	158.0	23,928	160	159.0	25,416	S-DZBSPT
HBELD-270P-T1F -[Blank,SxEx]-G4	120-277Vac (347-480Vac Optional)	>80	270	255	151.0	38,509	256	155.0	39,531	S-KFQDKR
			230	224	155.0	34,670	226	156.0	35,238	S-5DYQQC
			200	195	159.0	30,933	196	160.0	31,257	S-VWN5XR
HBELE-400P-T1F -[Blank,SxEx]-G4	120-277Vac (347-480Vac Optional)	>80	400	386	151.4	58,447	399	151.4	60,384	S-QVLJWC
			340	337	155.6	52,380	347	156.3	54,306	S-BKPCLG
			270	266	160.8	42,729	273	162.1	44,229	S-PCLHRQ

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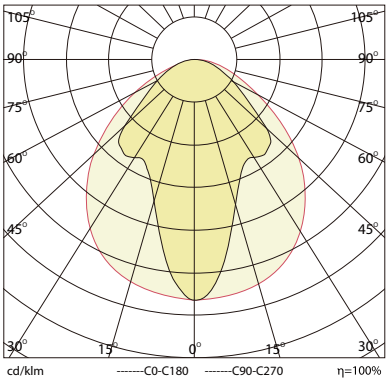
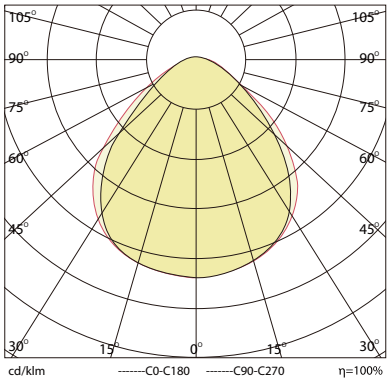
HBEL
Power and CCT Selectable Linear Highbay

LIGHT DISTRIBUTION PATTERN

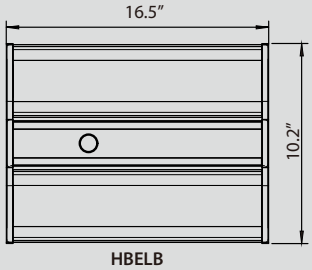


AISLE DISTRIBUTION

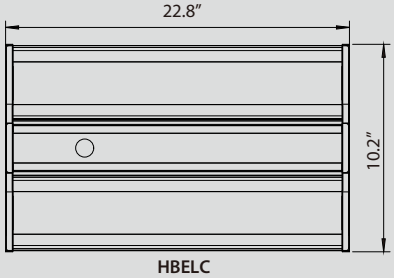


STANDARD DISTRIBUTION

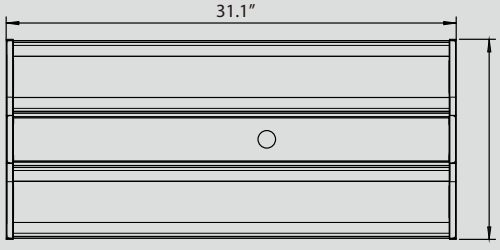
PHYSICAL SPECIFICATIONS



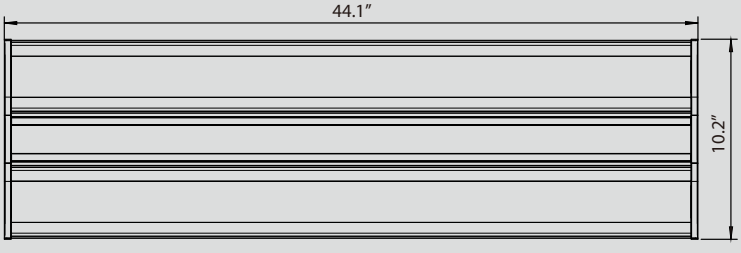
HBELB



HBELC



HBELD



HBELE

Part Number	Length	Width	Depth
HBELB-135P-T1F-G4	16.5″	10.2″	1.77″
HBELC-200P-T1F-G4	22.8″	10.2″	1.77″
HBELD-270P-T1F-G4	31.1″	10.2″	1.77″
HBELE-400P-T1F-G4	44.1″	10.2″	1.77″

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LUMEN MAINTENANCE

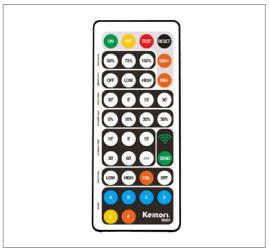
Model	Ambient Test Temp	Reported Hrs	0 Hrs	25,000 Hrs	50,000 Hrs	TM21-11‡ 60,000 Hrs	100,000 Hrs	Calculated L70 Hrs
HBELB-135P-T1F-G4	25°C/77°F	60,000	1	0.94	0.88	0.85	0.76	132,000
HBELC-200P-T1F-G4	25°C/77°F	60,000	1	0.94	0.88	0.85	0.76	132,000
HBELD-270P-T1F-G4	25°C/77°F	60,000	1	0.94	0.88	0.86	0.77	134,000
HBELE-400P-T1F-G4	25°C/77°F	60,000	1	0.94	0.88	0.86	0.77	134,000

1 △ Projected per IESNA TM-21-11 ‡ DLC Reported Hours = Max 6x LM-80 tested duration (SSC STWxC25B-XX@9,000 Hrs)

CONTROL SYSTEM

LLLC-LUMINAIRE LEVEL LIGHTING CONTROL (MESH NETWORK)*		
ATG Code	**Description**	**Model Number**
W4	Bi-Level PIR Occ sensor	PSC-BL-I-FM-DCO-BLE-SR
W5	Bi-Level PIR Occupancy Sensor Side Mounted,100-277V	PSC-BL-I-FM-110-BLE-SR
P7	12VPower Supplyforfixture mountw/relay	PSC-AC-PP-700C
P4	12V Power Supplyfor fixture mount (no relay)	PSC-AC-PP-400
L1	LENS.LOW BAY 30FT H X60FT DIA WH	PIR-BLO1-F3-LBL
L2	LENS.LOWBAY 30FT H X60FT DIA BN	PIR-BL01-F3-LBL-BN
L3	LENS.HIGH BAY 4FT HX 70FT DIAWH	PIR-BLO1-F5-HBL
L4	LENS.HIGH BAY 4FT HX 70FT DIA BN	PIR-BL01-F5-HBL-BN
Al	Arm.High Bay Offset extension	ARM
LALC-LOCAL AREA LIGHTING CONTROL (CIRCUIT LEVEL)*		
ATG Code	**Description**	**Model Number**
W4	Bi-level PIR Occ sensor	PSC-BL-I-FM-DCO-BLE-SR
W9	12V Wireless Fixture Controller	PSC-WCM-50-DCO-BLE-SR
P5	Room controller, KOmounted120-277n/12VCand0-10Vout/16A	PSC-WCM-450-BLE-SR
P7	12V power supply for fixture mount with relay	PSC-AC-PP-700C
LALC-LOCAL AREA LIGHTING CONTROL (CIRCUIT LEVEL)		
ATG Code	**Description**	**Model Number**
SO	Microwave Motion Sensor for G4 Skyline Highbay,12VDC Driven	IFS05SE
SOBE	0-10V Integrated Bluetooth PIR Sensor (L8 LENS), 12VDC Driven	ANT-4D-BLE-SR
SO5A	PIR Sensor for G4 Skyline Highbay, for 50ft mounting, 12VDC Driven	ANT-6-4R-H
SO5B	PIR Sensor for G4 Skyline Highbay, for 50ft mounting, 12VDC Driven	ANT-6-4H-H
RI	Remote for IFS05SE	RM-51

* For more information about LLLC and LALC system, please contact our sales team.



RM51

IFS05SE NO LENS

IFS05SE LOW BAY LENS

IFS05SE MID BAY LENS

IFS05SE HIGH BAY LENS

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ANT-6-4R-H

ANT-6-4H-H

ANT-4D-BLE-SR

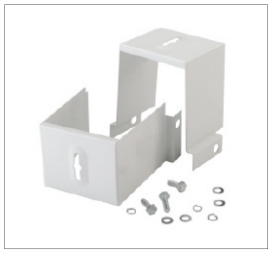
ADDITIONAL ACCESSORIES (SOLD SEPARATELY)

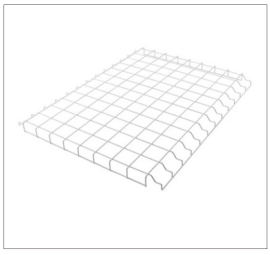
ATG CODE	MODEL NUMBER	DESCRIPTION
WGB	WG-HBEL-G4-B	Wire Guard for Skyline G4,Model B
WGC	WG-HBEL-G4-C	Wire Guard for Skyline G4,Model C
WGD	WG-HBEL-G4-D	Wire Guard for SkylineG4,Model D
PMK	PMK-HBEL-G4	Pendant Mount Kit for Skyline G4
SMK	SMK-HBEL-G4	Surface Mount Kit for Skyline G4
EJ	EMA20YY-230	Emergency Battery Backup
EK	EMA30YY-230	Emergency Battery Backup for 400W fixtures

EMA20YY-230

GE480/277-250W(375W)

PMK-HBEL-G4


SMK-HBEL-G4


WG-HBEL-G4-B

ORDER FORMAT

Series Length		Wattage	CCT	Lens	Distribution*	Input	Photocell	EM	Generation
HBEL	B=1.4FT	135P=135W/115W/110W Adjustable	T1=4000K/ 5000K Select	F=Frosted	Blank=95°X95° distribution	Blank=100-277	SO=IFS05SE	EJ=EMA20YY-230	G4=Gen 4
	C=1.9FT	200P=200W/185W/155W Adjustable			A=40°X110° distribution	V=347-480V	SP=ANT-4D-VAL	EK=EMA30YY-230	
	D=2.6FT	270P=270W/230W/200W Adjustable					RI=RM51		
	E=3.7FT	400P=400W/360W/270W Adjustable☆					R1=RC-100		
							LLLC System☆		
							LALC System☆		

☆ For more information about LLLC and LALC system, please see accessory list below and contact our sales team.
* Please contact our sales team for lead time about Aisle lens.
** Accessories are ordered separately. These are not included in default packing.
☆ 400P model is not DLC listed yet.

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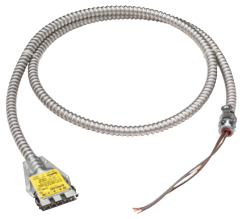
RELOC CABLES

OCS
Circuit Selector

OCU
Cord Unselectable



OD
Drop Cable

	Ships Separately (Field Installation)	Ships Attached (Factory Installation)	Fixture w/o RELOC	Fixture with RELOC
Examples	OCS 277	OCS	IBZ 454L GEB10PS9O	IBZ 454L 277 GEB10PS90 OCS
	OCS 120 18/3G 10	OCS4C10	IBZ 454L GEB10PS9O	IBZ 454L 120 GEB10PS90 EL14 0CS4C10

ORDERING INFORMATION

For shortest lead times configure product using bolded options.

Example: OCS 120 18/3G 10

Series	Voltage	Conductors	Length	Modular Plug	Connector Type ‡	Device Color	Options
OCS ‡	120 120V ‡ 208 208V 240 240V 277 277V ‡ 347 347V ‡ 480 480V	For 120, 277 and 347 Volts (blank) Three 18 AWG conductors, including ground 18/3G Four 18 AWG conductors, including ground ‡ For 208, 240 and 480 Volts ‡ (blank) Four 18 AWG conductors, including ground	(blank) 6ft. 10 10ft. 15 15ft. 20 20ft. 25 25ft. 30 30ft. 35 35ft. 40 40ft. 45 45ft. 50 50ft.	RRL RELOC®-ready luminaires	(blank) Not required L515 120V- NEMA L5 - 15R L520 120V - NEMA L5 - 20R L715 277V - NEMA L7 - 15R L720 277V - NEMA L7 - 20R L615 208V - NEMA L6 - 15R L620 208V - NEMA L6 - 20R L820 480V - NEMA L8 - 20R	(blank) White	CSA Required when ordered for Canada ‡

‡ Option Value Ordering Restrictions & Notes	
Option value	**Restriction**
120, 277, 347	For 2 neutral applications, order OCU with TAP22N to tap the second hot and neutral.
18/3G	When ordered with 120 or 277 or 347 volts, two selector switches will be provided for selection of any 2 of the 3 tap positions available.
Connector Type	NEMA receptacles available with three 18AWG conductors only.
CSA	Product label for fixture drops must state: "Not for interruption of current" when ordered for Canada.
For 208, 240 and 480 Volts	Single circuit or 3 phase applications with 208 or 240 or 480 volts have two selector switches for selecting any 2 of the 3 tap positions. For two circuit 208 or 240 or 480 volt applications, order OCU with TAP34 to tap the second circuit.
OCS	For ordering attached to an Acuity Brands lighting fixture, simply move the voltage before the ballast description and remove all other spaces from the OCS catalog number (see examples above).
RRL	For use with fixtures. Fixture must have RRL and wiring instruction installed to use this option. See fixture spec sheet for details and availability. See RRL spec sheet for connector details.

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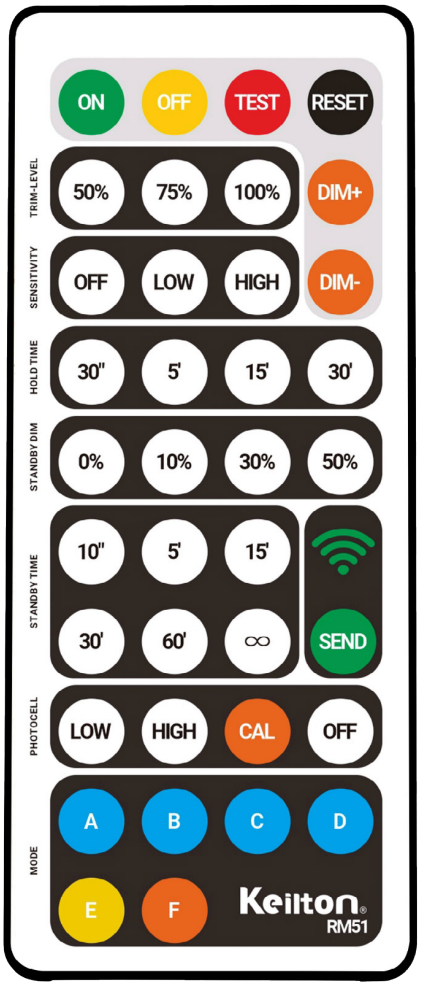
BUTTON OPERATION

BUTTON	DESCRIPTION
ON	Turns On Luminaires
OFF	Turns OFF Luminaires
TEST	Test mode will last 5mins then return to previous setting. Test mode:hold time 2s,standby Dim level 50%standby time 2s.
RESET	Trim-High=100%sensitivity=HightT1=5minStandby Dim=30%, T2=60minPhotocell=OFF
DIM+/-	Remote will manually dim luminaire up or down by increments of 0.5volts.Must be smooth dimming if holding dimming button.
TRIM-LEVEL	Set Maximum threshold value 50/75/100%
SENSITIVITY	OFF(PIR OFF Enter PC ON/OFF function)/LOW(50%)/HIGH(100%)
HOLD TIME	(time of no occupancy after which fixture goes to stand by) 30s/5min/15min/30min
F MODE DAYLIGHT HARVESTING	(Enable/Disable)Measure and set feature to allow the fixture to maintain a light level.If turned ON.
STAND BY DIM	Select any standby dim level 0/10/30/50%
STAND BY TIME	Stand by time-10s/5min/15min/30min/1h/∞."∞"means the stand-by time is infinite and the fixture is effectively controlled by the daylight sensor.
PHTOTOCELL	LOW(1fc) and HIGH(50fc)CAL Collecting The current Lux Level/OFF
MODE	Set settings to a Program profile A to F
SEND	Send setting to sensor
DEFAULT MODE A	Trim-High=100%sensitivity=low,T1=30minStandby Dim=50% T2=8,Photocell=CAL
DEFAULT MODE B	Trim-High=100%,sensitivity=low,T1=30minStandbyDim=50%, T2=15min,Photocell=CAL
DEFAULT MODE C	Trim-High=100%,sensitivity=low,T1=30minStandby Dim=50%, T2=15min,Photocell=OFF
DEFAULT MODE D	Trim-High=50%sensitivity=low,T1=30sStandbyDim=50%, T2=30min,Photocell=CAL
DEFAULT MODE E	Manual Mode,Trim-High=100%
DEFAULT MODE F	Daylight Harvesting,Trim-Low=50%,sensitivity=low,T1=15min



A Mode
1.Turn OFF the light while ambient light >Photocell threshold(CAL set).
2.Turn the light to full-ON(100% trim level) while ambient light < Photocell threshold AND occupancy detected.
3.Dim the light to Standby DIM level after 30 mins(hold time) elapsed, and keep the brightness level until dawn.

B Mode
1.Turn OFF the light while ambient light >Photocell threshold(CAL set).
2.Turn the light to full-ON(100% trim level) while ambient light <Photocell threshold AND occupancy detected.
3.Dim the light to Standby DIM level after 30 mins(hold time) elapsed.
4.Turn OFF the light if no occupancy detected within another 1/2 TIME.

C Mode
1.Ambient light sensor(photocell) is disabled
2.Turn the light to full-ON while occupancy detected.
3.Dim the light to Standby DIM level after 30 mins(delay time) elapsed.
4.Turn OFF the light if no occupancy detected within another 1/2 TIME(standby time).

D Mode
1.Turn OFF the light while ambient light > Photocell threshold(CAL set).
2.Turn the light to 50%(Trim level) while ambient light <Photocell threshold(CAL set) AND occupancy detected.
3.Turn OFF the light if no occupancy detected within 30 mins(standby time).

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QUICK ORDERING GUIDE

✔	Part Number	Description	QUICK SHIPPING*
	HBELB-135P-T1F-G4	"G4 DUO Skyline Linear Highbay, 1-10V dimming, 1.4FT, 135W/115W/100W, 4000K/5000K, 120-277VAC, Frosted Lens, with 12VDC AUX & Receptacle"	✔
	HBELC-200P-T1F-G4	"G4 DUO Skyline Linear Highbay, 1-10V dimming, 1.9FT, 200W/185W/155W, 4000K/5000K, 120-277VAC, Frosted Lens, with 12VDC AUX & Receptacle"	✔
	HBELD-270P-T1F-G4	"G4 DUO Skyline Linear Highbay, 1-10V dimming, 2.6FT, 270W/230W/200W, 4000K/5000K, 120-277VAC, Frosted Lens, with 12VDC AUX & Receptacle"	✔
	HBELE-400P-T1F-G4	"G4 DUO Skyline Linear Highbay, 1-10V dimming, 3.7FT, 400W/340W/270W, 4000K/5000K, 120-277VAC, Frosted Lens, with 12VDC AUX & Receptacle"	✔
	WG-HBEL-G4-B	Wire Guard for HBELB(1.4FT)Skyline G4 Linear HB	✔
	WG-HBEL-G4-C	Wire Guard for HBELC(1.9FT)Skyline G4 Linear HB	✔
	WG-HBEL-G4-D	Wire Guard for HBELD(2.6FT) Skyline G4 Linear HB	✔
	WG-HBEL-G4-E	Wire Guard for HBELE(3.7FT)Skyline G4 Linear HB	
	PMK-HBEL-G4	Pendant Mount Kit for Skyline G4 Linear HB	✔
	SMK-HBEL-G4	Surface Mount Kit for Skyline G4 Linear HB	✔
	IFS05SE	Bi-Level PIR Sensor for G4 Skyline Linear HB, 12VDC	✔
	RM51	Remote Control for EFS06R&IFS05SE Sensor	✔
	EM20YY-230	Emergency Battery Backup	✔
	EMA30YY-230	Emergency Battery Backup for 400W Fixtures	

* QUICK SHIPPING means this is a inventory product, please contact our sales for realtime stock information.

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